



GP2124
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Cary Lee Bates et al. : Date: October 12, 2004
Group Art Unit: 2124 : IBM Corporation
Examiner: J. Mitchell : Intellectual Property Law
Serial No.: 09/918,573 : Dept. 917, Bldg. 006-1
Filed: August 1, 2001 : 3605 Highway 52 North
Title: DEBUGGER IMPACT REDUCTION : Rochester, MN 55901
THROUGH MOTION OF INDUCTION
VARIABLE BASED BREAKPOINTS

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO/SB/08A be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. §1.97. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. §1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. §1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with

10/18/2004 SSITHIB1 00000056 090465 09918573

01 FC:1806 180.00 DA

Serial No. 09/918,573
Docket No. ROC920010153US1

37 C.F.R. §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed under 37 C.F.R. §1.97(c) before a final action or notice of allowance. The filing fee of \$180.00 (for other than a small entity) is to be charged to our Deposit Account No. 09-0465.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 12, 2004
(Date of Deposit)

Debra A. Peterson
Debra A. Peterson

Respectfully submitted,

CARY LEE BATES et al.

By James R. Nock
James R. Nock

Attorney Reg. No. 42,937

IBM Corporation - Department 917

3605 Highway 52 North

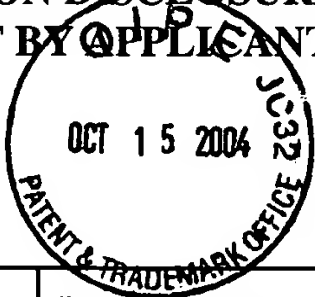
Rochester, Minnesota 55901-7829

Telephone: 1-507-253-4661

PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 2



Application Number.: 09/918,573
 Filing Date: August 1, 2001
 First Named Inventor: Cary L. Bates
 Art Unit: 2124
 Examiner Name: J. Mitchell
 Attorney Docket Number.: ROC920010153US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	<u>Document Number</u> Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
		US - 5,471,593	11-28-1995	Branigin	
		US - 5,687,375	11-11-1997	Schwiegelshohn	
		US - 5,966,539	10-12-1999	Srivastava	
		US - 5,999,737	12-07-1999	Srivastava	
		US - 6,077,312	06-20-2000	Bates et al.	
		US - 6,226,787 B1	05-01-2001	Serra et al.	
		US - 6,240,549 B1	05-29-2001	Hamada et al.	
		US - 6,263,489 B1	07-17-2001	Olsen et al.	
		US - 6,480,818 B1	11-12-2002	Alverson et al.	
		US - 6,571,385 B1	05-27-2003	Muthukumar et al.	
		US - 6,658,471 B1	12-02-2003	Berry et al.	
		US - 6,708,326 B1	03-16-2004	Bhattacharya	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	<u>Foreign Patent Document</u> Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

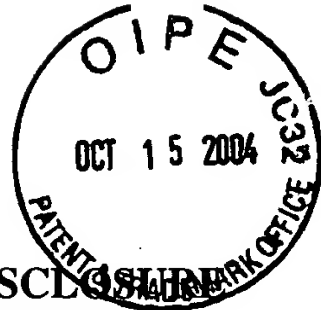
Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 2 of 2

Application Number.: 09/917,573
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 Art Unit: 2124
 Examiner Name: J. Mitchell
 Attorney Docket Number.: ROC920010153US1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T ²
		Patent Application, Serial No. 09/897,608, entitled "Debugger Impact Reduction through Breakpoint Motion," filed on July 3, 2001 by Cary L. Bates et al.	
		WU et al., "A New Framework for Debugging Globally Optimized Code," 1999, ACM, pp. 181-191.	
		R. WISMULLER, "Debugging of Globally Optimized Programs Using Data Flow Analysis," 1994, ACM, pp. 278-289.	
		GRANT et al., "The Benefits and Costs of DyC's Run-Time Optimizations," 2000, ACM, pp. 932-972.	

Examiner Signature		Date Considered	
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